

Title of Your Research Paper

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Abstract

The abstract should briefly summarize the key points and main results.

Keywords: Keywords, Should, Be, Listed, Here

1. Introduction

Introduce the problem, its importance, and the current state of the art. Mention the gaps in the existing literature and how your proposed algorithm addresses these gaps.

2. Related Work

Review the literature on related algorithms and techniques. Highlight the strengths and weaknesses of each and set the stage for your contribution.

3. Proposed Algorithm

Describe your algorithm in detail. Include pseudo-code, flowcharts, or any other illustrations that help explain the algorithm.

3.1. Algorithm Description

Provide a step-by-step description of your algorithm.

3.2. Complexity Analysis

Analyze the time and space complexity of your algorithm.

4. Experimental Setup

Describe the experimental setup, including the datasets used (e.g., CEC13 and Engineering problem set), the evaluation metrics, and the computational environment.

5. Results and Discussion

~~Present the results of your experiments. Use tables and figures to compare the performance of your algorithm with the 10 previous algorithms.~~

of the paper, including the problem, your approach,
5.1. Benchmark Functions

Discuss the performance on CEC13 benchmark functions.

5.2. Engineering Problem Set

Discuss the performance on the Engineering problem set.

5.3. Comparison with Other Algorithms

Compare your results with those of 10 previous algorithms. Highlight where your algorithm excels and where it might need improvement.

6. Conclusion

Summarize the key findings of your research. Discuss the implications of your results and suggest possible directions for future work.

References